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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/812,538
		Filing Date	March 30, 2004
		First Named Inventor	Robert L. Goldsmith
		Art Unit	Not yet assigned
		Examiner Name	Not yet assigned
Total Number of Pages in This Submission	3	Attorney Docket Number	647P002Div.

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD. Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO Form 1449
Remarks _____		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Kevin S. Lemack Nields & Lemack
Signature	
Date	May 19, 2004

CERTIFICATE OF TRANSMISSION/MAILING

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Typed or printed name	Kevin S. Lemack		
Signature		Date	May 19, 2004

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Robert L. Goldsmith
Serial No. : 10/812,538
Filed : March 30, 2004
For : AIRLIFT MEMBRANE DEVICE AND MEMBRANE BIOREACTOR AND BIOREACTOR PROCESS CONTAINING SAME
Examiner : Not yet assigned
Art Unit : Not yet assigned
Attorney
Docket No. : 647P002Div.

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

The Examiner is respectfully requested to consider the documents which are listed on the attached form PTO 1449.

The Examiner's attention is drawn to parent U.S. Patent Application Serial No. 10/261,107 filed September 30, 2002 and the references cited therein. For the convenience of the Examiner, those references are listed on the attached form.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 19, 2004


Signature: Kevin S. Lemack
Date: May 19, 2004

Respectfully submitted,


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FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 647P002Div.	SERIAL NO. 10/812,538
	Robert L. Goldsmith	
	FILING DATE March 30, 2004	GROUP Not yet assigned

REFERENCE DESIGNATION
U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	5,707,514	1/1998	Yamasaki et al.	210	151	
AB	6,284,135	9/2001	Ookata, Masanobu	210	220	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
BA							

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

CA	Mercier, M. et al., 1995, "Influence of the flow regime on the efficiency of a gas/liquid two-phase flow medium"; Biotechnol. Techniques, 9, 853-858.
CB	Mercier, M. et al., 1997, "How slug flow can enhance the ultrafiltration flux in mineral tubular membranes"; J. Membrane Sci., 128, 103-113.
CC	Mercier, M. et al.; 1998, "Yeast suspension filtration: flux enhancement using a gas/liquid upwards slug flow – Application to continuous alcoholic fermentation with cell recycle"; Biotechnol. Bioeng., 58, 47-57.
CD	Leonard D., et al. 1998; "A novel membrane bioreactor with gas/liquid two-phase flow for high performance degradation of phenol, Biotechnol. Prog., 14, 680-688.
CE	Mercier-Bonin M. et al.; 2000, "Hydrodynamics of slug flow applied to crossflow filtration in narrow tubes"; AIChE Journal, 46 476-488.
CF	Mercier-Bonin M. et al., 2000, "Influence of a gas/liquid two-phase flow on the ultrafiltration and microfiltration performances: case of a ceramic flat sheet membrane"; J. Membrane Sci., 180, 93-102.
CG	In-Soung Chang et al.; 2002; "Air sparging of a submerged MBR for municipal wastewater treatment"; Process Biochemistry 37 (2002) 915-920.
CH	NAMS 2002; Nong XU et al. "Design and Application of Airlift Membrane-Bioreactor for Municipal Wastewater Reclamation" Article.
CI	Water Science & Technology Vol. 41, No. 10-11 pp. 243-250; 2000; "Ultrafiltration of activated sludge with ceramic membranes in a cross-flow membrane bioreactor process"; X-j Fan et al. – English Abstract
CJ	Steven Till et al.; "Membrane Bioreactors: Wastewater treatment applications to Achieve High Quality Effluent"; 64 th Annual Water Industry Engineers and Operators' Conference; 9/5&6/2001; pp-57-65
CK	Tsighua Science and Technology; ISSN 1007-0214 08/17; pp.283-287; vol. 5, Number 3, September 2000; "Ceramic Ultra Filtration membrane Bioreactor for Domestic Wastewater Treatment"; Wen Xianghua et al.
CL	Feature Article; June 26, 2002; "Membrane Bioreactors: Design and Operation Options"; Professor A .Fane et al.
CM	Session 6: Membrane bioreactors for Wastewater Treatment and Water Reclamation; "Applying Membrane Bioreactor Technology for Wastewater Treatment in the Netherlands" Helle F. Van der Roest.

	CN		Session 6: Membrane Bioreactors for Wastewater Treatment and Water Reclamation; "Applying Membrane Bioreactor Technology for Water Reclamation"; R. Rhodes Trussell et al.
	CO		Session 6: Membrane Bioreactors for Wastewater Treatment and Water Reclamation; "Case Study: Membrane Bioreactor Testing in Seattle, Washington"; Graham J.g. Juby et al.
EXAMINER			DATE CONSIDERED
<p>EXA MINER: Initial reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance <i>and</i> not considered. Include copy of this form with next communication to applicant.</p>			